

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/916,017  
Filing Date: July 26, 2001  
Art Unit: 1635  
Examiner: Angell, Jon E.  
Applicant: Arrigo DeBenedetti *et al.*  
Title: Cancer Gene Therapy Based on Translational Control of a Suicide Gene

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

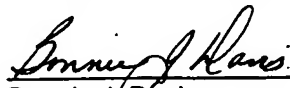
POWER OF ATTORNEY

The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, assignee of record of the entire interest in the above-identified patent application, with an assignment recorded in the Patent and Trademark Office on October 9, 2002 at Reel 012247, Frame 0054, hereby revokes all powers of attorney previously given, and hereby appoints:

Stephen R. Albainy-Jenei, Registration No. 41,487; Edwin R. Acheson, Jr., Registration No. 31,808; David E. Franklin, Registration No. 39,194; William E. Gallagher, Registration No. 35,145; Steven J. Goldstein, Registration No. 28,079; James M. Kipling, Registration No. 26,287; Ann G. Robinson, Registration No. 39,820; Ria Farrell Schalnatz, Registration

CERTIFICATE

I hereby certify that this Power of Attorney is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on August 12, 2002.

  
Bonnie J. Davis  
Registration No. 41,699

August 12, 2002

POWER OF ATTORNEY

Page 1 of 2

BEST AVAILABLE COPY

BEST AVAILABLE COPY

No. 47,058; David E. Schmit, Registration No. 28,472; Karlyn A. Schnapp, Registration No. 45,558; Ralph J. Skinkiss, Registration No. 26,105; and Kevin S. Sprecher, Registration No. 42,165; c/o Frost Brown Todd LLC, 2200 PNC Center, 201 East Fifth Street, Cincinnati, Ohio 45202 (513) 651-6800,

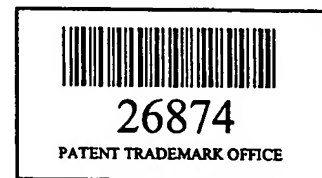
attorneys, with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent Office connected therewith.

Please direct all communications regarding this application to:

Customer Number:

26874

AFFIX BAR CODE  
LABEL HERE →



Direct Telephone calls to: Stephen R. Albainy-Jenei  
(513) 651-6839  
Facsimile: (513) 651-6981  
e-mail: salbainyjenei@fbtlaw.com

Respectfully submitted,

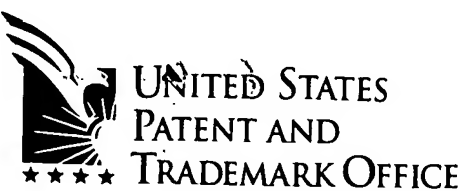
Board of Supervisors of Louisiana State University  
and Agricultural and Mechanical College

By:

A handwritten signature in cursive script, appearing to read "William L. Silvia, Jr.", written over a horizontal line.

William L. Silvia, Jr.  
Executive Vice President  
115 System Building  
3810 W. Lakeshore Drive  
Baton rouge, LA 7080

August 7, 2002



RECEIVED

12-28-01

TAYLOR, PORTER, BROOKS & PHILLIPS

Divisional of 09/916,017  
DeBenedetti, et al.  
CANCER GENE THERAPY BASED ON  
TRANSLATIONAL CONTROL OF A  
SUICIDE GENE

DECEMBER 19, 2001

PTAS

TAYLOR, PORTER, BROOKS & PHILLIPS, LLP  
BONNIE J. DAVIS  
P.O. BOX 2471  
BATON ROUGE, LA 70821-2471

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*101877409A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012247/0054  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DEBENEDETTI, ARRIGE

DOC DATE: 10/02/2001

ASSIGNOR:  
DEFATTA, ROBERT J.

DOC DATE: 10/02/2001

ASSIGNEE:  
BOARD OF SUPERVISORS OF LA. STATE  
UN. & AGRICULTURAL AND  
MECHANICAL COLLEGE  
3810 WEST LAKESHORE DRIVE  
LOUISIANA STATE UNIVERSITY, 115  
SYSTEM BUILDING  
BATON ROUGE, LOUISIANA 70803

SERIAL NUMBER: 09916017  
PATENT NUMBER:

FILING DATE: 07/26/2001  
ISSUE DATE:

BEST AVAILABLE COPY

012247/0054 PAGE 2

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-18-2001



101877409

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

10-9-01

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #  Frame #

Corrective Document

☐ Reel #  Frame #

Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File

☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) DeBENEDETTI, Arrigo

Execution Date  
Month Day Year  
10/02/2001

Name (line 2)

Second Party

Name (line 1) DeFATTA, Robert J.

Execution Date  
Month Day Year  
10/02/2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Board of Supervisors of La. State Un. & Agricultural and Mechanical College

Name (line 2)

Address (line 1) Louisiana State University

Address (line 2) 115 System Building, 3810 West Lakeshore Drive

Address (line 3) Baton Rouge

LA

70803

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

## Correspondent Name and Address

Area Code and Telephone Number

(225) 387-3221

Name Bonnie J. Davis

Address (line 1) Taylor, Porter, Brooks &amp; Phillips, L.L.P.

Address (line 2) P.O. Box 2471

Address (line 3) Baton Rouge, LA 70821-2471

Address (line 4)

## Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 3

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09916017

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

## Number of Properties

Enter the total number of properties involved.

# ONE

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Deposit Account

Enclosed ☒Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 20-0096

Authorization to charge additional fees:

Yes ☒No ☐

## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Bonnie J. Davis

Name of Person Signing

Signature

October 5, 2001

Date

## **PATENT APPLICATION**

### **ASSIGNMENT**

WHEREAS we, Arrigo DeBenedetti, a citizen of Italy, residing at 221 Roma Drive, Shreveport, LA 71105; and Robert J. DeFatta, a citizen of the United States of America, residing at 209 Carrollton Avenue, Shreveport, LA 71105, having made an invention in "Cancer Gene Therapy Based on Translational Control of a Suicide Gene," which invention is the subject of Patent Application Serial No. 09/916,017, filed July 26, 2001 (File No. 00S08 DeBenedetti);

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto the Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division, continuation, or continuation-in-part of said application, and in and to any and all Letters Patent and reissues and extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by us had this assignment and transfer not been made.

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such acts as we lawfully may, that may be deemed necessary by the said Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, its successors, assigns, and nominees, fully to secure its interest as aforesaid and to obtain or maintain Letters Patent in any and all countries;

And we do hereby authorize the Director of the United States Patent and Trademark Office, and any foreign counterpart to the Director, to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Board of Supervisors

of Louisiana State University and Agricultural and Mechanical College as the assignee of the entire interest therein.

In witness whereof, we have hereunto signed our names on the day and year set forth below.

Arrigo DeBenedetti  
Arrigo DeBenedetti

Robert J. DeFatta  
Robert J. DeFatta

STATE OF LOUISIANA

PARISH OF CADDO

On this 2nd day of October, 2001, before me personally appeared Arrigo DeBenedetti and Robert J. DeFatta, personally known to me, and known by me to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed, on the day and year aforesaid.

[Seal]

Warren E. Cockerham  
Notary Public

WARREN E. COCKERHAM  
Printed Name of Notary

WARREN E. COCKERHAM, NOTARY PUBLIC  
CADDO PARISH, LOUISIANA  
MY COMMISSION IS FOR LIFE

My Commission expires at death.



## OATH FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "Cancer Gene Therapy Based on Translational Control of a Suicide Gene," for which a patent application was filed on July 26, 2001, serial number 09/916,017 . (Attorney file no. 00S08 DeBenedetti).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information that is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby give powers of attorney to John H. Runnels, Registration No. 33,451, and Bonnie J. Davis, Registration No. 41,699 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all communications regarding this application to:

Bonnie J. Davis  
Taylor, Porter, Brooks & Phillips, L.L.P.  
P.O. Box 2471  
Baton Rouge, Louisiana 70821  
Telephone number (225) 387-3221.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18

of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor:

**Arrigo DeBenedetti**

Date: 10/2, 2001

Arrigo DeBenedetti  
First inventor's signature

Residence: Shreveport, Louisiana  
Citizenship: Italy  
Address: 221 Roma Drive  
Shreveport, LA 71105

Full name of second joint inventor:

**Robert J. DeFatta**

Date: 10/2, 2001

Robert J. DeFatta  
Second inventor's signature

Residence: Shreveport, Louisiana  
Citizenship: U.S.  
Address: 209 Carrollton Avenue  
Shreveport, LA 71105

STATE OF LOUISIANA

PARISH OF CADDO

SWORN TO AND SUBSCRIBED before me this 2nd day of October,

2001.

Warren E. Cockerham  
Notary Public

WARREN E. COCKERHAM, NOTARY PUBLIC  
CADDO PARISH, LOUISIANA  
MY COMMISSION IS FOR LIFE

WARREN E. COCKERHAM  
Printed Name of Notary

My Commission Expires at Death